# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 19 Aug 2021 until 23:59 on Friday 20 Aug 2021

Forecast Issued on Thursday 19 Aug 2021 at 02:35

**Confidence:** High confidence for predominantly cloudy and rather dull conditions over the coming days and for a spell of heavy rain over the weekend. The main uncertainty relates to the extent of brighter weather in the east, and for timing of heavier rainfall.

**Headline for Thursday 19 Aug 2021:** A dull, damp start, then some brighter spells by afternoon but also a few showers.

**Mountain weather hazards on Thursday 19 Aug 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Drizzle | Cloudy | Sunny intervals | Heavy Rain | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 60% | 30% | 20% | 60% | 40% | 20% |

**Forecast for Thursday 19 Aug 2021**

**Weather:** Rather cloudy to start with the odd spot of light rain and drizzle. Brief sunny spells developing for a time, before further cloud spreads east in the afternoon, bringing the chance of a few showers. Showers clearing eastwards in the evening.

**Chance of cloud free mountain/hill tops above 600m:** 20-30% increasing to 70% by midday.

**Visibility:** Poor at first with extensive cloud with bases around 400-600m and occasional drizzle across western parts. Improving as cloud breaks up and lifts to around 700m by the afternoon but suddenly deteriorating in any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

# Mountain Weather Forecast

**Forecast for Thursday 19 Aug 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/12 W | 10/13 W | 10/14 W | 10/14 SW | 7/10 W | 5/7 W | 4/5 SW |
| **300** | 5/13 W | 6/12 W | 7/13 W | 7/12 W | 5/9 SW | 2/6 W | 1/4 SW |
| **Valley** | 1/6 W | 4/8 W | 5/10 W | 6/11 SW | 4/8 SW | 1/4 W | 1/3 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/7 | 11/8 | 12/10 | 12/10 | 11/10 | 11/10 | 11/10 |
| **300** | 12/11 | 14/13 | 16/14 | 14/13 | 14/13 | 13/13 | 12/12 |
| **Valley** | 13/13 | 15/14 | 17/16 | 16/15 | 15/15 | 14/14 | 13/13 |
| **Freezing Level*** | 3100m | 2400m | 2400m | 2600m | 2700m | 2600m | 2600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Poor visibility above modest elevations suggests lower level routes may be most rewarding. Best of the brightness expected across the more sheltered north and east.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Thu 19 Aug 2021 | 1.4mm | 8.6mm | 10.2mm |

**Forecast for Friday 20 Aug 2021**

**Weather:** Cloudy and humid with some patchy rain and drizzle spreading in from the southwest, but generally remaining on the light side. Poor visibility will likely be the main hazard on the hills with cloud thickening through the day.

**Maximum wind:** South 10-15mph gusting 20-25mph.

**Chance of cloud free mountain/hill tops above 600m:** 40% at first reducing to 20% by the afternoon.

**Visibility:** Large areas of cloud above 400m will drift northeastwards across the area bringing generally very poor visibility to the hills. Visibility often hazy at low levels. Best shelter across the north.

**Temperature:** **Valleys:** Plus 12 Celsius rising to 20 Celsius.
**At 600m:** Plus 13 Celsius.
**Freezing level:** Well above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved